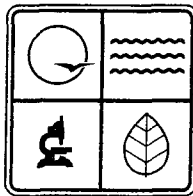


STATE OF MISSOURI PERMIT 6
DEPARTMENT OF NATURAL RESOURCES
MISSOURI AIR CONSERVATION COMMISSION



PERMIT TO CONSTRUCT

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to construct the air contaminant source(s) described below, in accordance with the laws, rules and conditions as set forth herein.

Permit Number: **052006-012** Project Number: 2006-03-017
Owner: Norris Asphalt Paving Co. PORT-0107
Owner's Address: P.O Box 695, Ottumwa, IA 52501
Installation Name: Norris Aggregates PORT - 0107
Installation Address: 16664 State Route C, Pattonsburg, MO 64670
Location Information: Daviess County County, S30, T61N, R21W

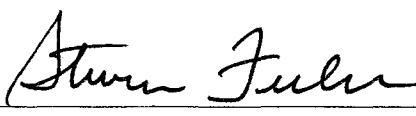
Application for Authority to Construct was made for:

The modification of an existing portable rock crushing plant. Rock is processed through 6 crusher(s), 7 screen(s), 36 storage bins/conveyors. The portable rock crushing plant has a maximum hourly design rate (MHDR) of 1,000 tons per hour (tph). Best Management Practices will be used to control fugitive emissions from storage piles and haul roads. This review was conducted in accordance with Section (6), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*.

-
- ☐ Standard Conditions (on reverse) are applicable to this permit.
- ☒ Standard Conditions (on reverse) and Special Conditions (listed as attachments starting on page 2) are applicable to this permit.

MAY 17 2006

EFFECTIVE DATE


DIRECTOR OR DESIGNEE
DEPARTMENT OF NATURAL RESOURCES

STANDARD CONDITIONS:

Permission to construct may be revoked if you fail to begin construction or modification within two years from the effective date of this permit. Permittee should notify the Air Pollution Control Program if construction or modification is not started within two years after the effective date of this permit, or if construction or modification is suspended for one year or more.

You will be in violation of 10 CSR 10-6.060 if you fail to adhere to the specifications and conditions listed in your application, this permit and the project review. Specifically, all air contaminant control devices shall be operated and maintained as specified in the application, associated plans and specifications.

You must notify the Air Pollution Control Program of the anticipated date of start up of this (these) air contaminant source(s). The information must be made available not more than 60 days but at least 30 days in advance of this date. Also, you must notify the Department of Natural Resources Regional Office responsible for the area within which you are located within 15 days after the actual start up of this (these) air contaminant source(s).

A copy of this permit and permit review shall be kept at the installation address and shall be made available to Department of Natural Resources' personnel upon request.

You may appeal this permit or any of the listed Special Conditions as provided in RSMo 643.075. If you choose to appeal, the Air Pollution Control Program must receive your written declaration within 30 days of receipt of this permit.

If you choose not to appeal, this certificate, the project review, your application and associated correspondence constitutes your permit to construct. The permit allows you to construct and operate your air contaminant source(s), but in no way relieves you of your obligation to comply with all applicable provisions of the Missouri Air Conservation Law, regulations of the Missouri Department of Natural Resources and other applicable federal, state and local laws and ordinances.

The Department of Natural Resources has established the Outreach and Assistance Center to help in completing future applications or fielding complaints about the permitting process. You are invited to contact them at 1-800-361-4827 or (573) 526-6627, or in writing addressed to Outreach and Assistance Center, P.O. Box 176, Jefferson City, MO 65102-0176.

The Air Pollution Control Program invites your questions regarding this air pollution permit. Please contact the Construction Permit Unit at (573) 751-4817. If you prefer to write, please address your correspondence to the Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102-0176, attention Construction Permit Unit.

Mr. Jackie Sisk
Environmental Engineer
Norris Asphalt Paving Co.
P. O Box 695
Ottumwa, IA 52501

RE: Portable Source Relocation Modification Request for PORT-0107
Project Number: 2006-03-017, Permit Number: 0497-008A

Dear Mr. Sisk:

The Air Pollution Control Program (APCP) recently received your request to modify and re-evaluate PORT-0107 at its present location in Daviess County to reflect the addition of new equipment and the implementation of Best Management Practices. This Permit will replace the Section 4 Relocation request, project 2006-02-074, which was issued in February 27, 2006, to relocate Port 0107 from Andrew County (S34, T59N, R35W) To Daviess County (S30, T61N, R28W). Your application was determined to be complete as of March 30th, 2006. Permission to continue operating at the present location is conditioned upon the following:

- The equipment shall be operated and maintained in accordance with your existing permit.
- The equipment shall be operated in accordance with the attached site-specific conditions.
- Norris Aggregates Product Company PORT - 0107 must notify the Kansas City Regional Office of equipment start-up within fifteen (15) days after start-up of operations at the new site.
- Permission for the equipment to operate at this site expires on February 27th, 2008.
- Upon moving PORT-0107 to this site, all previous permits for relocation will be expired. Permission to return to a previously permitted site may be approved if a completed "Portable Source Relocation Request" form is submitted to the Air Pollution Control Program for review at least seven (7) days in advance of the planned relocation. The application must include written notification of any concurrently operating plants. (Note: If you choose not to relocate your plant from its present location, then please submit a letter for the withdrawal of your relocation request).

Screening tools were used to evaluate the ambient air impact of the hourly emissions from this portable plant at a distance of 500 feet to the nearest property boundary. The ambient impact at this site shall not exceed the National Ambient Air Quality Standard (NAAQS) of $150 \mu\text{g}/\text{m}^3$ of particulate matter less than ten microns (PM_{10}) at or beyond the nearest property boundary in any single 24-hour period. An ambient impact factor for PM_{10} was developed for the portable plant, and it is included in the record keeping table, Attachment A.

The portable plant has an emission limit of less than 50 tons of PM_{10} in any 12-month period. An emission factor was developed for PM_{10} . The PM_{10} emission factor is included in the record keeping table, Attachment B. If the conditioned potential emissions of PM_{10} were 50 tons per year or greater, then the owner would be required to submit dispersion modeling results.

For sources agreeing to use Best Management Practices (BMPs), as defined in Attachment AA, haul roads and stockpiles are not modeled with screening tools. Instead, they are addressed as a background level of $20 \mu\text{g}/\text{m}^3$ of PM_{10} . To ensure conformity with NAAQS, the remaining process emissions are limited to an impact of less than $130 \mu\text{g}/\text{m}^3$ of PM_{10} at or beyond the nearest property boundary.

Table 1: Emissions Summary (tons per year)

Air Pollutant	Regulatory De Minimis Levels	Existing Potential Emissions	Existing Actual Emissions (year EIQ)	Potential Emissions of the Application	**New Installation Conditioned Potential	Emission Factor (lb/ton)
PM_{10}	15.0	N/A	N/A	508.94	<50	0.1162
SO_x	40.0	N/A	N/A	22.50	2.21	N/A
NO_x	40.0	N/A	N/A	178.25	17.51	N/A
VOC	40.0	N/A	N/A	4.56	0.45	N/A
CO	100.0	N/A	N/A	47.35	4.65	N/A
HAPs	10.0/25.0	N/A	N/A	0.09	0.01	N/A

Note: N/A = Not Applicable; N/D = Not Determined

** Conditioned potential based on daily production limit from ambient impact analysis. Other pollutants proportionately reduced.

Table 2: Ambient Air Quality Impact Analysis of PM_{10} , 24-Hour Averaging Time

Operation	Ambient Impact Factor ($\mu\text{g}/\text{m}^3/\text{ton}$)	Modeled Impact ($\mu\text{g}/\text{m}^3$)	*Background ($\mu\text{g}/\text{m}^3$)	NAAQS ($\mu\text{g}/\text{m}^3$)	Daily Production Limit (tons)
1. Concurrent, Separate Owners	0.0115	118.1	30.8	150.00	10,278

* Background PM_{10} level of $20.00 \mu\text{g}/\text{m}^3$ from haul roads and stockpiles and $11.8 \mu\text{g}/\text{m}^3$ from the operation of APAC Kansas Concrete Plant PORT - 0475.

** The operator(s) must balance production among concurrently operating plants, with the ambient impact factors for each, such that NAAQS is not exceeded. Other ambient impact factors are listed in Attachment A.

A copy of this letter and your permit must be kept on-site with the plant and be made immediately available to Department of Natural Resources personnel upon request. If the conditions surrounding this approval change, such substantiated citizen complaint or failure to meet the New Source Performance Standards, approval for this site may be revoked. If we can be of further assistance, please contact nralshs at the Department of Natural Resources' Air Pollution Control Program, P.O. Box 176, Jefferson City, Missouri 65102 or you may telephone (573) 751-4817. Thank you for your time and cooperation.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Kyra L. Moore
Permits Section Chief

KLM:sab

Enclosures

Mr. Jackie Sisk
Page Two

c: Kansas City Regional Office
PAMS File: 2006-03-017

Page No.	3
Permit No.	0497-008A
Project No.	2006-03-017

SITE-SPECIFIC SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

The special conditions listed in this permit were included based on the authority granted the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075); by the Missouri Rules listed in Title 10, Division 10 of the Codes of State Regulations (specifically 10 CSR 10-6.060); by 10 CSR 10-6.060 paragraph (12)(A)10. "Conditions required by permitting authority"; by 10 CSR 10-6.010 "Ambient Air Quality Standards" and 10 CSR 10-6.060 subsections (5)(D) and (6)(A); and by control measures requested by the applicant, in their permit application, to reduce the amount of air pollutants being emitted, in accordance with 10 CSR 10-6.060 paragraph (6)(E)3. Furthermore, one or more of the Subparts of 40 CFR Part 60, New Source Performance Standards (NSPS), applies to this installation.

Site ID No.: 061-0016
 Site Name: Norris Aggregates Route C Quarry
 Site Address: 16664 State Rte C, Pattonsburg, MO 64670
 Site County: Daviess County, S30, T61N, R28W

1. **Best Management Practices**
 Norris Aggregates Product Company PORT - 0107 shall control fugitive emissions from all of the haul roads and stockpiles at this site by performing *Best Management Practices*, which include the usage of paving, chemical dust suppressants, or documented watering. These practices are defined in Attachment AA.
2. **National Ambient Air Quality Standards (NAAQS) Limitation for Particulate Matter Less Than Ten Microns in Diameter (PM₁₀)**
 - A. The operator(s) for Norris Aggregates Product Company PORT - 0107's portable plant (PORT-0107) shall ensure, while operating at this site, that the ambient impact of PM₁₀ at or beyond the nearest property boundary does not exceed 150 µg/m³ in any 24-hour period, in accordance with the Federal NAAQS requirements (40 CFR 50.6).
 - B. The total daily ambient impact of PM₁₀ at this site shall include the combined impact of the portable plant and any ambient background concentration from installations or equipment located on the same site as the portable plant.
 - C. To demonstrate compliance, the operator(s) shall maintain a daily record of material processed. Attachment A, *Daily Ambient PM₁₀ Impact Tracking Record*, or other equivalent form(s), will be used for this purpose.
3. **Annual Emission Limit of Particulate Matter Less Than Ten Microns in Diameter (PM₁₀)**
 - A. The operator(s) shall ensure that Norris Aggregates Product Company PORT - 0107's portable plant emits less than 50 tons of PM₁₀ into the atmosphere in any 12-month period.
 - B. To demonstrate compliance, the operator(s) shall maintain a daily record of material processed and PM₁₀. Attachment B, *Monthly PM₁₀ Emissions Tracking Record*, or other equivalent form(s), will be used for this purpose.
4. **Moisture Content Testing of Storage Piles Requirement**
 - A. The moisture content of the stockpiled rock will reduce particulate emissions. Norris Aggregates Product Company PORT - 0107 claimed the moisture content of the stored rock to be greater than or equal to 1.5 wt.%, which shall be verified by testing.
 - B. Testing shall be conducted according to approved methods, such as those prescribed by the *American Society for Testing Materials (ASTM D-2216 or C-566)*, EPA AP-42 Appendix C.2, or other method(s) approved by the Director.
 - C. The operator may obtain a copy of the test results of the inherent moisture content from the supplier(s) of the aggregate. Otherwise, the operator shall obtain test samples from each shipment of untested aggregate. The written analytical report shall include the raw data and moisture content (wt.%) of each sample, the test date, and the original signature of the individual performing the test. Within 30 days of completion of the required tests, the report shall be submitted to the Enforcement section of the Air Pollution Control Program, and a copy shall be sent to the Regional Office.
 - D. If the moisture content result of the first test is less than 1.5 wt.%, a second test must be performed within 30 days. If the result of the second test is less than 1.5 wt.%, Norris Aggregates Product Company PORT - 0107 shall apply for a new construction permit to account for the revised

Page No.	4
Permit No.	0497-008A
Project No.	2006-03-017

SITE-SPECIFIC SPECIAL CONDITIONS:

The permittee is authorized to construct and operate subject to the following special conditions:

information and install wet spray devices on the affected units.

5. Moisture Content Testing Requirement for Inherent Moisture Content
 - A. The inherent moisture content of the rock will reduce particulate emissions. Norris Aggregates Product Company PORT - 0107 claimed the inherent moisture content of the processed rock to be greater than or equal to 1.5 wt.%, which shall be verified by testing.
 - B. Testing shall be conducted according to approved methods, such as those prescribed by the *American Society for Testing Materials (ASTM D-2216 or C-566)*, EPA AP-42 Appendix C.2, or other method(s) approved by the Director. Norris Aggregates Product Company PORT - 0107 The first test shall be no later than 45 days after startup. Testing shall be conducted at least once every two years after the initial test, during the months of June through September, while the portable plant is active at this site.
 - C. Test samples shall be obtained before processing (before entering the Primary Crusher) and after processing (prior to load-in to bins and/or storage piles). During the sample processing run only, any spray devices shall be turned off during the processing from which test samples are obtained. The written analytical report shall include the raw data and moisture content (wt.%) of each sample, the test date, and the original signature of the individual performing the test. Within 30 days of completion of the required tests, the report shall be submitted to the Enforcement section of the Air Pollution Control Program, and a copy shall be sent to the Regional Office.
 - D. If the inherent moisture content result of the first test is less than 1.5 wt.%, a second test must be performed within 30 days. If the result of the second test is less than 1.5 wt.%, Norris Aggregates Product Company PORT - 0107 shall apply for a new construction permit to account for the revised information and install wet spray devices on the affected units.
6. Prohibition Against Concurrent Operations Without Further APCP Review

The portable plant (PORT-0107) is prohibited from operating whenever any other plant(s) are located at this site, except for the following plant(s):

 - A. APAC Kansas Portable Concrete Plant PORT - 0475.
7. Restriction on Process Configuration of Primary Emission Point(s)

The maximum hourly design rate of the plant is equal to the sum of the design rate(s) of the primary emission point(s). Norris Aggregates Product Company PORT - 0107 has designated the following unit(s) as the primary emission point(s) of the portable plant: primary crusher . Bypassing the primary emission point(s) for processing is prohibited.
8. Restriction on Minimum Distance to Nearest Property Boundary

The primary emission point of the portable plant, which is the primary crusher , shall be located at least 500 feet from the nearest property boundary whenever it is operating at this site.
9. Record Keeping Requirement

The operator(s) shall maintain all records required by this permit for not less than five (5) years and shall make them available immediately to any Missouri Department of Natural Resources' personnel upon request.
10. Reporting Requirement

The operator(s) shall report to the Air Pollution Control Program (APCP) Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedances of the limitations imposed by this permit.

Attachment A: Daily Ambient PM₁₀ Impact Tracking Record
Norris Aggregates Product Company PORT - 0107, – Portable Rock-Crushing Plant
Concurrent Operation

Project Number: 2006-03-017
County, CSTR: Daviess County (S30, T61N, R28W)
Primary Unit Size: 1,000 tph
Distance to Nearest Property Boundary: 500 feet

This sheet covers the period from _____ to _____ (Month, Day, Year)(*Copy this sheet as needed.*)

Date	Norris Aggregates Product Company PORT - 0107 PORT-0107 Project # 2006-03-017			Plant Name: Plant ID: Permit #:			Plant Name: Plant ID: Permit #:			Plant Name: Plant ID: Permit #:			² Back-ground PM ₁₀ Level (µg/m ³)	³ TOTAL PM ₁₀ Level (µg/m ³)
	Daily Production (tons)	Ambient Impact Factor (µg/m ³ /ton)	¹ Daily PM ₁₀ Impact (µg/m ³)	Daily Production (tons)	Ambient Impact Factor (µg/m ³ /ton)	¹ Daily PM ₁₀ Impact (µg/m ³)	Daily Production (tons)	Ambient Impact Factor (µg/m ³ /ton)	¹ Daily PM ₁₀ Impact (µg/m ³)	Daily Production (tons)	Ambient Impact Factor (µg/m ³ /ton)	¹ Daily PM ₁₀ Impact (µg/m ³)		
		0.0115											31.8	
		0.0115											31.8	
		0.0115											31.8	
		0.0115											31.8	
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- Note 1: The Daily PM₁₀ Impact (µg/m³) for each plant is calculated by multiplying the Daily Production (tons) by the matching Ambient Impact Factor.
- Note 2: Background PM₁₀ Level (µg/m³) is from Haul Roads and Stockpiles **and** from the operation of APAC Kansas portable concrete plant PORT - 0475.
- Note 3: The TOTAL PM₁₀ Level (µg/m³) is calculated by summing the Daily PM₁₀ Ambient Impact(s) and the Background PM₁₀ Level. A TOTAL PM₁₀ Level of less than 150 µg/m³ in any 24-hour period indicates compliance.

Attachment B: Monthly PM₁₀ Emissions Tracking Record
Norris Aggregates Product Company PORT - 0107, – Portable Rock-Crushing Plant

Project Number: 2006-03-017
County, CSTR: Daviess County (S30, T61N, R28W)
Primary Unit Size: 1,000 tph
Distance to Nearest Property Boundary: 500 feet

This sheet covers the period from _____ to _____ (Month, Day, Year)
(Copy this sheet as needed.)

[illegible]

Note 1: The Monthly Emissions (lbs) are calculated by multiplying the Monthly Production (tons) by the Composite Emission Factor (lbs/ton).

Note 2: The Monthly Emissions (tons) are calculated by dividing the Monthly Emissions (lbs) by 2,000.

Note 3: The 12-Month Emissions (tons/year) are a rolling total calculated by adding the Month's Emissions (tons) to the Monthly Emissions (tons) of the previous eleven (11) months. A total of less than **50** tons in any consecutive 12-month period indicates compliance.

Attachment AA: Best Management Practices (BMPs)- Construction Industry Fugitive Emissions

Construction Industry Sites covered by the Interim Relief Policy shall maintain Best Management Control Practices (BMPs) for fugitive emission areas at their installations when in operation. Options for BMPs are at least one of the following:

For Haul Roads:

1. Pavement of Road Surfaces –
 - A. The operator(s) may pave all or any portion of the haul roads with materials such as asphalt, concrete, and/or other material(s) after receiving approval from the program. The pavement will be applied in accordance with industry standards for such pavement so as to achieve “Control of Fugitive Emissions¹” while the plant is operating.
 - B. Maintenance and/or repair of the road surface will be conducted as necessary to ensure that the physical integrity of the pavement is adequate to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The operator(s) shall periodically water, wash and/or otherwise clean all of the paved portions of the haul road(s) as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
2. Usage of Chemical Dust Suppressants –
 - A. The operator(s) shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to all the unpaved portions of the haul roads. The suppressant will be applied in accordance with the manufacturer’s suggested application rate (if available) and re-applied as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
 - B. The quantities of the chemical dust suppressant shall be applied, re-applied and/or maintained sufficient to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The operator(s) shall record the time, date and the amount of material applied for each application of the chemical dust suppressant agent on the above areas. The operator(s) shall keep these records with the plant for not less than five (5) years, and the operator(s) shall make these records available to Department of Natural Resources personnel upon request.
3. Usage of Documented Watering –
 - A. The operator(s) shall control the fugitive emissions from all the unpaved portions of the haul roads at the installation by consistently and correctly using the application of a water spray. Documented watering will be applied in accordance with a recommended application rate of 100 gallons per day per 1,000 square feet of unpaved/untreated surface area of haul roads as necessary to achieve control of fugitive emissions from these areas while the plant is operating. For example, the operator(s) shall calculate the total square feet of unpaved vehicle activity area requiring control on any particular day, divide that product by 1,000, and multiply the quotient by 100 gallons for that day.
 - B. The operator(s) shall maintain a log that documents daily water applications. This log shall include, but is not limited to, date and volumes (e.g., number of tanker applications and/or total gallons used) of water application. The log shall also record rationale for not applying water on day(s) the plant is in operation (e.g., meteorological situations, precipitation events, freezing, etc.)
 - C. Meteorological precipitation of any kind, (e.g. a quarter inch or more rainfall, sleet, snow, and/or freeze thaw conditions) which is sufficient in the amount or condition to achieve control of fugitive emissions from these areas while the plant is operating.
 - D. Watering may also be suspended when the ground is frozen, during periods of freezing conditions when watering would be inadvisable for traffic safety reasons, or when there will be no traffic on the roads. The operator(s) shall record a brief description of such events in the same log as the documented watering.
 - E. The operator(s) shall record the date and the amount of water applied for each application on the above areas. The operator(s) shall keep these records with the plant for not less than five (5) years, and the operator(s) shall make these records available to Department of Natural Resources personnel upon request.

¹ For purposes of this document, Control of Fugitive Emissions means to control particulate matter that is not collected by a capture system and visible emissions to the extent necessary to prevent violations of the air pollution law or regulation. (Note: control of visible emission is not the only factor to consider in protection of ambient air quality.)

For Vehicle Activity Areas around Open Storage Piles:

1. Pavement of Stockpile Vehicle Activity Surfaces –
 - A. The operator(s) may pave all or any portion of the vehicle activity areas around the storage piles with materials such as asphalt, concrete, and/or other material(s) after receiving approval from the program. The pavement will be applied in accordance with industry standards for such pavement so as to achieve control of fugitive emissions while the plant is operating.
 - B. Maintenance and/or repair of the road surface will be conducted as necessary to ensure that the physical integrity of the pavement is adequate to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The operator(s) shall periodically water, wash and/or otherwise clean all of the paved portions of the vehicle activity areas around the storage piles as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
2. Usage of Chemical Dust Suppressants –
 - A. The operator(s) shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to all the vehicle activity areas around the open storage piles. The suppressant will be applied in accordance with the manufacturer's suggested application rate (if available) and re-applied as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
 - B. The quantities of the chemical dust suppressant shall be applied, re-applied and/or maintained sufficient to achieve control of fugitive emissions from these areas while the plant is operating.
 - C. The operator(s) shall record the time, date and the amount of material applied for each application of the chemical dust suppressant agent on the above areas. The operator(s) shall keep these records with the plant for not less than five (5) years, and the operator(s) shall make these records available to Department of Natural Resources personnel upon request.
3. Usage of Documented Watering –
 - A. The operator(s) shall control the fugitive emissions from all the vehicle activity areas around the storage piles at the installation by consistently and correctly using the application of a water spray. Documented watering will be applied in accordance with a recommended application rate of 100 gallons per day per 1,000 square feet of unpaved/untreated surface area of vehicle activity areas around the storage piles as necessary to achieve control of fugitive emissions from these areas while the plant is operating. (Refer to example for documented watering of haul roads.)
 - B. The operator(s) shall maintain a log that documents daily water applications. This log shall include, but is not limited to, date and volumes (e.g., number of tanker applications and/or total gallons used) of water application. The log shall also record rationale for not applying water on day(s) the plant is in operations (e.g., meteorological situations, precipitation events, freezing, etc.)
 - C. Meteorological precipitation of any kind, (e.g. a quarter inch or more rainfall, sleet, snow, and/or freeze thaw conditions) which is sufficient in the amount or condition to achieve control of fugitive emissions from these areas while the plant is operating.
 - D. Watering may also be suspended when the ground is frozen, during periods of freezing conditions when watering would be inadvisable for traffic safety reasons, or when there will be no traffic on the roads. The operator(s) shall record a brief description of such events in the same log as the documented watering.
 - E. The operator(s) shall record the date and the amount of water applied for each application on the above areas. The operator(s) shall keep these records with the plant for not less than five (5) years, and the operator(s) shall make these records available to Department of Natural Resources personnel upon request.